

AMENDMENTS TO THE CLAIMS

The listing of the claims will replace the previous version, and the listing of the claims:

LISTING OF THE CLAIMS

1. (currently amended) An oxidation decomposition element analyzer comprising,

a sample supply portion for supplying a sample to be analyzed,
an oxidation reagent supply portion for supplying an oxidation reagent,

an oxidation reaction portion connected to the sample supply portion and the oxidation reagent supply portion to receive the sample and the oxidizing reagent for reaction,

an analyzing portion connected to the oxidation reaction portion for analyzing an oxidized component to be measured to obtain a concentration of the component, and

a controlling portion electrically connected to the sample supply portion, oxidation reagent supply portion and oxidation reaction portion, said controlling portion having means for controlling operations of supplying the sample and the oxidation reagent to the oxidation reaction portion, said controlling portion controlling such that the oxidation reagent is supplied to the oxidation reaction portion before the sample is supplied thereto and the sample is supplied after elapse of time during which impurities contained in the oxidation reagent are removed through an oxidization decomposition at the oxidation reaction portion.

2. (original) An oxidation decomposition element analyzer according to claim 1, further comprising a carrier gas supply portion for supplying a carrier gas to the oxidation reaction portion, and an inorganic carbon sparger connected to the analyzing portion for measuring inorganic carbon concentration.

3. (original) An oxidation decomposition element analyzer according to claim 2, wherein the oxidation reaction portion includes an ultraviolet lamp so that organic materials contained in the sample injected therein are entirely oxidized by the oxidation reagent and ultraviolet rays to be converted into carbon dioxide.

4. (original) An oxidation decomposition element analyzer according to claim 3, wherein said analyzing portion is an infrared gas analyzer.

5-7. (cancelled)